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PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/799,413 Filing Date TRANSMITTAL March 12, 2004 **FORM** First Named Inventor Hui et al. Art Unit 2814 Examiner Name Anh D. Mai (to be used for all correspondence after initial filing) Attorney Docket Number AF01158 Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)						
✓ Fee Transmittal Form	Drawing(s)  After Allowance Communication to TC					
Fee Attached	Licensing-related Papers  Appeal Communication to Board of Appeals and Interferences					
Amendment/Reply  After Final  Affidavits/declarati  Extension of Time Reques  Express Abandonment Re  Information Disclosure Sta	Terminal Disclaimer  Request for Refund  CD, Number of CD(s)  Landscape Table on CD  Other Enclosure(s) (please Identify below):					
Certified Copy of Priority Document(s)	Remarks					
Reply to Missing Parts/ Incomplete Application Reply to Missing F under 37 CFR 1.5	or 1.53					
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Firm Name Winstead Sech	AST BOTH THE C.					
Signature	11000					
Printed name Robert A. Voig	<i>II</i>					
Date March 30, 2005	Reg. No. 47,159					
CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with						

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria,

Date

March 30, 2005

VA 22313-1450 on the date shown below:

Serena Beller

Signature

Typed or printed name

PTO/SB/17 (11-04) Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE rk Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known Effective 6 10/01/2004. Patent fees are subject to annual revision. Application Number 10/799,413 Filing Date March 12, 2004 For FY 2005 First Named Inventor Hui et al. Anh D. Mai **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Art Unit 2814 TOTAL AMOUNT OF PAYMENT Attorney Docket No. AF01158 FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 2. EXTRA CLAIM FEES **Small Entity** Check Credit Card Money Order Fee Description Fee (\$) Fee (\$) Each claim over 20 50 25 ✓ Deposit Account None Each independent claim over 3 200 100 Multiple dependent claims 360 180 Deposit 01-0365 Account For Reissues, each claim over 20 and Number more than in the original patent 50 25 Deposit Advanced Micro Devices, Inc. For Reissues, each independent claim Account more than in the original patent 200 100 Extra Claims Fee (\$) The Director is hereby authorized to: (check all that apply) **Total Claims** Fee Paid (\$) - 20 or HP = Charge fee(s) indicated below HP = highest number of total claims paid for, if greater than 20 Charge fee(s) indicated below, except for the filing fee Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) \_ - 3 or HP = \_\_\_\_ Charge any additional fee(s) or underpayments of fee(s) = X under 37 CFR 1.16 and 1.17 HP = highest number of independent claims paid for, if greater than 3 Credit any overpayments **Multiple Dependent Claims** Fee Paid (\$) Fee (\$) to the above-identified deposit account. Subtotal (2) \$ Other (please identify): 3. OTHER FEES **Small Entity** Fee Description Fee (\$) Fee Paid(\$) Fee (\$) WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card 1-month extension of time 120 60 information and authorization on PTO-2038. 225 2-month extension of time 450 **FEE CALCULATION** 3-month extension of time 510 1,020 1. BASIC FILING FEE 4-month extension of time 795 1,590 Small Entity Fee Paid(\$) **Fee Description** Fee (\$) Fee (\$) 5-month extension of time 1,080 2,160 Information disclosure stmt. fee 180 180 Utility Filing Fee 790 395 37 CFR 1.17(q) processing fee 50 50 Design Filing Fee 350 175 Non-English specification 130 130 Plant Filing Fee 550 275 Notice of Appeal 500 250 Filing a brief in support of appeal 250 500 Reissue Filing Fee 395 Request for oral hearing 500 1.000 Provisional Filing Fee 160 ጸበ Other: Subtotal (3) \$

Name (Print/Type)	Robert A. Voig	t, Jr.		Date March 30, 2005
Signature	- 11/10	10   ]	Registration No. (Attorney/Agent) 47.159	Telephone 512.370.2832
SUBMITTED BY				

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

AF01158 PATENT

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:

Hui et al.

Serial No.:

10/799,413

Filed:

March 12, 2004

Art Unit:

2814

Examiner:

Anh D. Mai

Title:

AVOIDING FIELD OXIDE GOUGING IN SHALLOW TRENCH

**ISOLATION (STI) REGIONS** 

## RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action having a mailing date of March 15, 2005 (Paper No. 3), with a thirty day shortened statutory period for response set to expire on April 14, 2005, the Applicants hereby respond as follows:

The Examiner has required a restriction to one of the following inventions:

- I. Claims 1-5 and 10-15, drawn to a method of making, classified in class 438, subclass 424.
  - II. Claims 6-9, drawn to a semiconductor device, classified in class 257, subclass 510.

## **CERTIFICATION UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence (along with any item referred to as being enclosed herewith) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 30, 2005.

Derenabelly	
Signature	
Serena Beller	
(Printed name of person certifying)	

AF01158 PATENT

Applicants elect Group I without traverse.

Applicants respectfully request that the Examiner call Applicants' attorney at the below listed number if the Examiner believes that such a discussion would be helpful in resolving any remaining issues.

Respectfully submitted,

WINSTEAD SECHREST & MINICK P.C.

Attorneys for Applicants

By: Robert & Voigt Ir

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